STATE OF UTAH

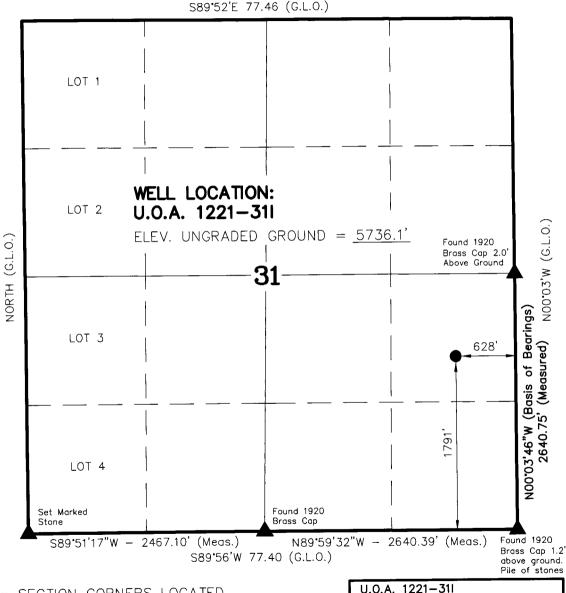
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	
(highlight changes)	

		APPLICATI	ON FOR P	PERMIT TO	DRILL	5. MINER. Fee	AL LEASE NO	6. SURFACE: Fee
1A. TYPE OF WO	1A. TYPE OF WORK: DRILL REENTER DEEPEN D					7. IF INDI	7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WE	LL: OIL	GAS 🗹 C	THER	SINC	GLE ZONE MULTIPLE ZON	E 8. UNIT o	r CA AGREEMENT I	NAME:
2. NAME OF OPE							NAME and NUMBER	ation 1221-31
Slate River		, LLC			PHONE NUMBER		AND POOL, OR W	
3. ADDRESS OF 418 E. Mair		ਹ ਜ਼ਮੂ Vernal	STATE	UT 210 840	178 (435) 781-1871	-Ag	W) 6	Livillate
4. LOCATION OF	WELL (FOOTAGE	ES)	61982	6 X	39. 227744 109.601820	11. QTR/0 MERIE	QTR, SECTION, TO	WNSHIP, RANGE,
AT SURFACE:	1791' FSL	& 628' FEL	42982	166 V -	100 101000	NESE	31 129	S 21E
AT PROPOSED	PRODUCING ZO	NE: Same as	above	* 1	101.601820			
14. DISTANCE IN	MILES AND DIRE	CTION FROM NEAR	EST TOWN OR POS	T OFFICE:		12. COU	NTY:	13. STATE: UTAH
69.4 mile	s south of \	/ernal, UT				Uinta	ıh	J GIAII
15. DISTANCE TO	O NEAREST PROI	PERTY OR LEASE LI	NE (FEET)	16. NUMBER OF	ACRES IN LEASE:	17. NUMBER OF	ACRES ASSIGNED	TO THIS WELL:
628'					2,038.96	ļ.		40
18. DISTANCE TO	O NEAREST WELL	(DRILLING, COMPL	ETED, OR	19. PROPOSED	DEPTH:	20. BOND DESC	RIPTION:	
3,800'	R) ON THIS LEASI	= (FEE1)			8,176	B-00155	6	
21. ELEVATIONS	S (SHOW WHETHE	R DF, RT, GR, ETC.):	1	ATE DATE WORK WILL START:	23. ESTIMATED	DURATION:	
5,736' GR 6/1/2006			30 Days					
24.			PROPOSE	ED CASING AI	ND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE	GRADE, AND WEIG	HT PER FOOT	SETTING DEPTH	CEMENT TYPE, QL	JANTITY, YIELD, AN	ID SLURRY WEIGH	
12 1/4	9 5/8	H-40	32.2#	2,000	Cement "V"	200 sks	3.82cuft/s	k 11.0 PPG
					Class "G"	100 sks	1.15cuft/s	k 15.8 PPG
7 7/8	4 1/2	M-80	11.6#		Premium 100%	350 sks	3.82cuft/s	k 11.0 PPG
				8,176	Class "G"	1000 sks	1.25cuft/s	k 14.2 PPG
25.				ATTA	CHMENTS		•	
	LLOWING ARE AT	TACHED IN ACCOR	DANCE WITH THE U	TAH OIL AND GAS C	ONSERVATION GENERAL RULES:			
					COMPLETE DRILLING PLAN			
_		PARED BY LICENSE						THE LEAGE OWNER
EVIDEN	CE OF DIVISION (OF WATER RIGHTS /	APPROVAL FOR USE	OF WATER	FORM 5, IF OPERATOR IS P	ERSON OR COMPA	ANY OTHER THAN	HE LEASE OWNER
							<u>-</u>	
NAME (PLEASE	Ginge	er Stringham			TITLE Agent			
SIGNATURE	Lin	gent)	ringh	an	DATE 3 29 C	<u>يا (</u>		
(This space for St	ate use only)	7	7	•				
				Timerand	Approved by the		RECE	IVED
		42 111	37979		Utah Division of	<u>.</u>		
API NUMBER AS	SSIGNED:	17-641	21119		Onn Proves and Mining	3 ^	APR 8	4 ZUUb

(11/2001)

T12S, R21E, S.L.B.&M.



▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS BENCH MARK 66 WF 1952

LOCATED IN THE NE 1/4 OF SECTION 6, T13S, R21E,

S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS

MARKED ON THE AGENCY DRAW NE 7.5 MIN.

QUADRANGLE AS BEING 5812'.

(Proposed Well Head)
NAD 83 Autonomous
LATITUDE = 39' 43' 40.0"
LONGITUDE = 109' 36' 09.3"

SLATE RIVER RESOURCES, LLC

WELL LOCATION, U.O.A. 1221-311, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 31, T12S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH.

NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE APPROVED AT WAS PREPARED FROM FIELD NOTES OF LAWDUAL SURVEYS MADE BY ME OR UNDER AN SUPERMUSION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BRUE & No.362251

REDISTRATION TO THE 25 UNDER OR WELL THE OF UTAH

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078 (435) 789-1365

DATE SURVEYED: 03-11-06	SURVEYED BY: K.R.K.	SHEET
DATE DRAWN: 03-13-06	DRAWN BY: M.W.W.	2
SCALE: 1" = 1000'	Date Last Revised:	OF 10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	
(highlight changes)	

		APPLICAT	ION FOR I	PERMIT TO	DRILL		5. MINER Fee	AL LEASE NO:	6. SURFACE: Fee
1A. TYPE OF WO	DRK: [ORILL 🗸 F	REENTER	DEEPEN			7. IF INDI	AN, ALLOTTEE OR	TRIBE NAME:
B. TYPE OF WE	ELL: OIL	GAS 🗾 (OTHER	SIN	GLE ZONE MULTIPLE ZOI	NE 🚺	8. UNIT o	r CA AGREEMENT N	IAME:
2. NAME OF OPE					······································			NAME and NUMBER	
3. ADDRESS OF	Resources	s, LLC							ation 1221-311
418 E. Mai	n ST	_{ੁਜ਼ਮ} Vernal	STAT	UT 210 84	078 PHONE NUMBER: (435) 781-1871	ļ		AND POOL, OR W	L'INICIANO
	WELL (FOOTAG	,	61982	26X	39. 12:7744 109.601820		11. QTR/0 MERIE	QTR, SECTION, TOV DIAN:	VNSHIP, RANGE,
AT SURFACE:	1791' FSL	. & 628' FEL	43982	2454 -	109 1-01820		NESE	31 128	3 21E
AT PROPOSED	PRODUCING ZO	ONE: Same as	above	•	101.601020				
14. DISTANCE IN	MILES AND DIR	ECTION FROM NEAR	EST TOWN OR POS	ST OFFICE:			12. COUN	NTY:	13. STATE:
69.4 mile	s south of	Vernal, UT					Uinta	h	UTAH
15. DISTANCE TO	O NEAREST PRO	PERTY OR LEASE LI	NE (FEET)	16. NUMBER O	F ACRES IN LEASE:	17. N	JMBER OF	ACRES ASSIGNED	TO THIS WELL
628'					2,038.96	i			40
	O NEAREST WEL R) ON THIS LEAS	L (DRILLING, COMPLE (FEET)	ETED, OR	19. PROPOSED	DEPTH:	20. BC	OND DESC	RIPTION:	
3,800'	,	- ()			8,176	B-	001556	6	
21 ELEVATIONS	S (SHOW WHETH	ER DF, RT, GR, ETC.):	22. APPROXIMA	ATE DATE WORK WILL START:	23. ES	STIMATED	DURATION:	
5,736' GF	₹			6/1/2006	3	30	Days		
24.			PROPOSI	ED CASING A	ND CEMENTING PROGRAM	1			
SIZE OF HOLE	CASING SIZE	, GRADE, AND WEIGI	HT PER FOOT	SETTING DEPTH	CEMENT TYPE, QU	JANTITY,	YIELD, ANI	SLURRY WEIGHT	
12 1/4	9 5/8	H-40	32.2#	2,000	Cement "V"	20	0 sks	3.82cuft/sk	11.0 PPG
*****		·			Class "G"	10	0 sks	1.15cuft/sk	15.8 PPG
7 7/8	4 1/2	M-80	11.6#		Premium 100%	35	0 sks	3.82cuft/sk	11.0 PPG
				8,176	Class "G"	100	0 sks	1.25cuft/sk	14.2 PPG
									74
25.				ATTA	CHMENTS				
VERIFY THE FOL	LOMNG ARE AT	TACHED IN ACCORE	DANCE WITH THE U	TAH OIL AND GAS C	ONSERVATION GENERAL RULES:				
✓ WELL PL	AT OR MAP PREI	PARED BY LICENSED	SURVEYOR OR EN	GINEER	COMPLETE DRILLING PLAN				
✓ EVIDENO	CE OF DIVISION O	OF WATER RIGHTS A	PPROVAL FOR USE	OF WATER	FORM 5, IF OPERATOR IS PI	ERSON O	R COMPAN	Y OTHER THAN TH	FIFASE OWNER
	Cina	or Chrimada and			A				
NAME (PLEASE	PRINT) Ginge	er Stringham	- 1		TITLE Agent				
SIGNATURE	Line	get DU	ringh	an	DATE 3 29 C	9			
(This space for Sta	ite use only)	7	0	•					
								RECEIV	/ED
ADI NILIMBED ADI	SIGNED	43-047	17979		ADDDOVAL				
API NUMBER AS	SIGNED.		J		APPROVAL:			ADD R L	JUUE

APR 0 4 2006

T12S, R21E, S.L.B.&M.

S89*52'E 77.46 (G.L.O.) LOT 1 **WELL LOCATION:** LOT 2 U.O.A. 1221-311 ELEV. UNGRADED GROUND = 5736.1' 0 Found 1920 NORTH (G.L. Brass Cap 2.0 Above Ground N00.00N LOT 3 N00°03′46″W (Basis of Bea 2640.75′ (Measured) 628 1791, LOT 4 Set Marked Found 1920 Brass Cap S89'51'17"W - 2467.10' (Meas.) N89*59'32"W - 2640.39' (Meas.)Found 1920 Brass Cap 1.2' S89*56'W 77.40 (G.L.O.) above ground. Pile of stones

lack = Section corners located

BASIS OF ELEVATION IS BENCH MARK 66 WF 1952 LOCATED IN THE NE 1/4 OF SECTION 6, T13S, R21E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS MARKED ON THE AGENCY DRAW NE 7.5 MIN. QUADRANGLE AS BEING 5812'.

U.O.A. 1221-311 (Proposed Well Head) NAD 83 Autonomous

LATITUDE = 39° 43′ 40.0″ LONGITUDE = 109° 36′ 09.3″

SLATE RIVER RESOURCES, LLC

WELL LOCATION, U.O.A. 1221-311, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 31, T12S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH.

NOTES:

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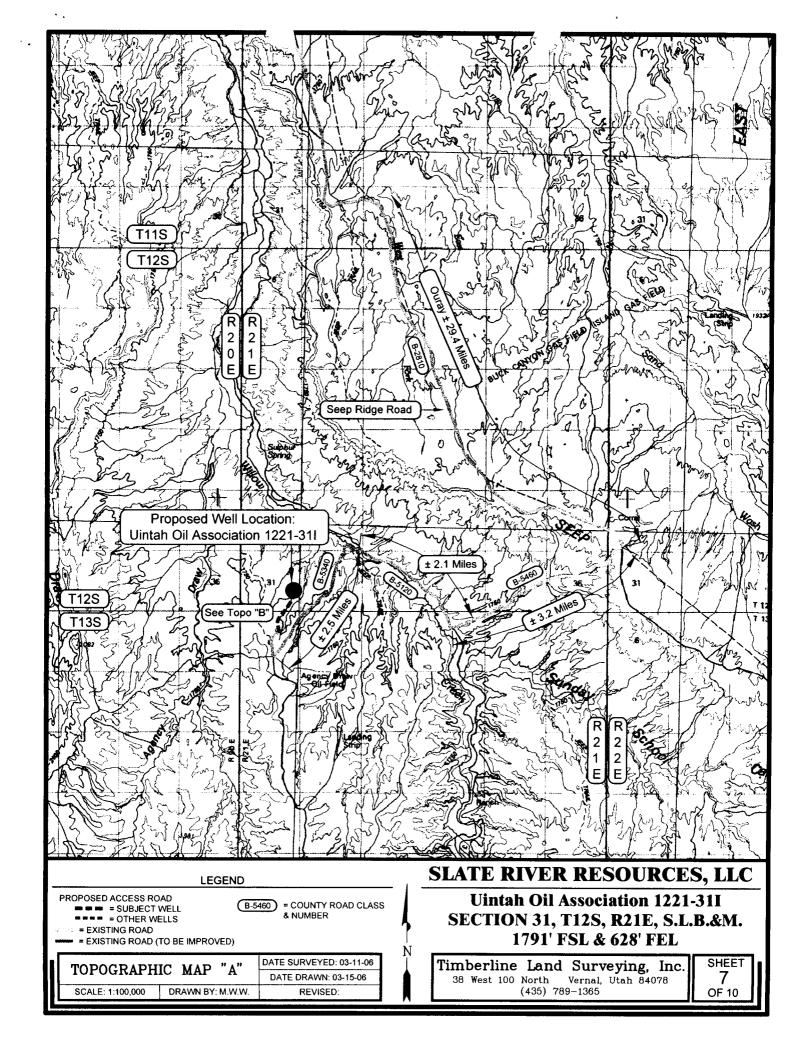
THIS IS TO CERTIFY THAT THE MEDITE SURVEYS PREPARED FROM FIELD NOTES OF AND ALL SURVEYS MADE BY ME OR UNDER MY SUPERMISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BRILLER NO.362251

RECISTRATION RESISTATE OF UTAH

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078 (435) 789-1365

DATE SURVEYED: 03-11-06	SURVEYED BY: K.R.K.	SHEET
DATE DRAWN: 03-13-06	DRAWN BY: M.W.W.	2
SCALE: 1" = 1000'	Date Last Revised:	OF 10



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, or	n record, the holder of oil and o	gas lease					
LEASE NAME:	Fee Leases, see attached						
LEASE NUMBER:	Fee, no numbers assigned	· · · · · · · · · · · · · · · · · · ·					
and hereby designates	S						
NAME:	Ginger Stringham, Paradigr	n Consulting Inc).				
ADDRESS:	PO Box 790203					_	
	city Vernal	· · · · · · · · · · · · · · · · · · ·	state_	IT	zip 84078		
securing compliance woof the State of Utah wi	to which this designation is applicable	ision Director or on General Rule	Authorize es and Proc	d Agent may ædural Rules	serve writte s of the Boar	en or oral in d of Oil, Ga	istructions in s and Mining
or the lease and the O	s designation of agent/operato il and Gas Conservation Gene understood that this designati	ral Rules and P	rocedural	Rules of the l	Roard of Oil	Gas and N	Mining of the
In case of default on the terms or orders of the	e part of the designated agent/o Board of Oil, Gas and Mining o	operator, the less of the State of U	see will mal tah or its a	ke full and pro uthorized rep	ompt complia presentative.	ance with all	l rules, lease
	promptly notify the Division Dire						
Effective Date of Des							
BY: (Name) J.T. C	onley	OF:	(Company)	Slate River	Resources,	LLC	
(Signature)	5 Pelen	. OF:	(Address)	418 East Ma	ain		
(Title) VP Op	perations	•	()	city Vernal			
(Phone) (435)	781-1871	•		state UT	Zip	84078	
(5/2000)							

UT10001.000
Eagle Minerals Ltd. Oil and Gas Lease
Dated February 1, 2005
Recorded Book 914, Page 535 Uintah County, Utah

DESCRIPTION OF LEASED PREMISES:

TOWNSHIP 1	2 SOUTH, RANGE 20 EAST, S.L.M.	
Section 21:	All (640.00 acres) Serial Number: 10:079:0001	
Section 22:	All (640.00 acres) Serial Number: 10:080:0001	
Section 23:	All (640.00 acres) Serial Number: 10:081:0001	
Section 24:	W/2 (320.00 acres) Serial Number: 10:082:0001	
Section 25:	W/2 (320.00 acres) Serial Number: 10:083:0001	
Section 26:	All (640.00 acres) Serial Number: 10:084:0001	
Section 27:	All (640.00 acres) Serial Number: 10:085:0001	
Section 28:	All (640.00 acres) Serial Number: 10:086:0001	
Section 29:	All (640.00 acres) Serial Number: 10:087:0001	
Section 35:	All (640.00 acres) Serial Number: 10:089:0001	
TOULIND	10.007/777 5 .2767 0.7 5 . 7 . 7	
Costing 23	12 SOUTH, RANGE 21 EAST, S.L.M.	
Section 31:	Lots 3, 4, E/2SW/4 (SW/4) (149.66 acres) Serial Number: 10:093:0002	
TOWNSHIP	13 SOUTH, RANGE 20 EAST, S.L.M.	
Section 1:	Lots 1,2,3,4, S/2N/2, S/2 (All) (640.24 acres) Serial Number: 11:004:0001	
Section 3:	Lots 1,2,3,4, S/2N/2, S/2 (All) (641.80 acres) Serial Number: 11:005:0001	
Section 4:	Lots 1,2,3,4, S/2N/2, S/2 (All) (642.00 acres) Serial Number: 11:006:0001	
Section 5:	Lots 1,2,3,4, S/2N/2, S/2 (All) (641.40 acres) Serial Number: 11:007:0001	
Section 6:	Lots 1,2,3,8,10,11,13, S/2 NE/4,	
Section 6.	SE/4NW/4, E/2SW/4, SE/4 (585.52 acres) Serial Number: 11:008:000	. 1
Section 7:	Lots 2,3,4,5, E/2W/2, E/2 (All) (636.15 acres) Serial Number: 11:009:0001	1
Section 8:	All (640 acres) Serial Number: 11:010:0001	
Section 9:	All (640 acres) Serial Number: 11:010:0001	
Section 10:	All (640 acres) Serial Number: 11:011:0001	
Section 11:	All (640 acres) Serial Number: 11:012:0001	
Section 12:	All (640 acres) Serial Number: 11:014:0001	
Section 13:	All (640 acres) Serial Number: 11:015:0001	
Section 14:	All (640 acres) Serial Number: 11:015:0001	
Section 15:	E/2 (320 acres) Serial Number: 11:017:0001	
Section 22:	E/2 (320 acres) Serial Number: 11:017:0001	
Section 23:	All (640 acres) Serial Number: 11:019:0001	
Section 24:	All (640 acres) Serial Number: 11:019:0001 All (640 acres) Serial Number: 11:020:0001	
Section 25:	All (640 acres) Serial Number: 11:021:0001	
Section 26:	All (640 acres) Serial Number: 11:022:0001	
Section 27:	NE/4 (160 acres) Serial Number: 11:022:0001	
	1.2. (100 acres) Berial Pullicer. 11.023.0001	

TOWNSHIP 13 SOUTH, RANGE 21 EAST, S.L.M. Section 6: Lots 3.4.5.6.7. SE/4NW/4. F/2SW/4

Section 6:	Lots 3,4,5,6,7, SE/4NW/4, E/25	SW/4 (W/2)	
	(299.60 acres) Serial Number:	` ,	
Section 7:	Lots 1,2,3,4, E/2W/2 (W/2)		Serial Number: 11:027:0002
Section 18:	Lots 1,2,3,4, E/2W/2 (W/2)	•	Serial Number: 11:033:0001
Section 19:	Lots 1,2,3,4, E/2W/2 (W/2)		Serial Number: 11:034:0001
Section 30:	Lots 1.2,3.4, E/2W/2 (W/2)	•	Serial Number: 11:038:0001
Section 31:	Lots 1,2, E/2NW/4 (NW/4)	•	Serial Number: 11:039:0001

UINTAH COUNTY, UTAH containing a total of 19,199.80 acres, more or less

UT10002.000

Uintah Oil Association Oil & Gas Lease

Dated September 15, 2004

Recorded Book 904, Page 1 Uintah County, Utah

Description of Leased Premises

Township 12 South, Range 21 East

Sec 31: SE/4

Sec 32: S/2

Township 13 South, Range 21 East

Sec 5: Lots 2,3,4, S/2NW/4, SW/4NE/4, SW/4, W/2SE/4

Sec 6: Lots 1,2, S/2NE/4, SE/4

Sec 7: E/2

Sec 8: W/2, W/2NE/4, NW/4SE/4

Uintah County, Utah

2,038.96 acres

UT10003.000

Utah Oil Shales, Inc. Oil & Gas Lease

Dated September 15, 2004

Recorded Book 904, Page 9 Uintah County, Utah

Description of Leased Premises

Township 13 South, Range 21 East

Sec 4: Lots 1,2,3,4, S/2N/2, S/2

Sec 5: Lot 1, SE/4NE/4, E/2SE/4

Sec 8: E/2E/2, SW/4SE/4

Sec 9: All

Sec 16: W/2

Sec 17: E/2

Uintah County, Utah

2,278.69 acres

AFFIDAVIT OF SURFACE OWNER USE AGREEMENT

Slate River Resources, LLC has in place, agreements with the surface owners of the following leases. Slate River Resources, LLC is the operator and makes this certification that the agreements provide for management of the Fee surface lands under development.

Eagle Minerals Ltd. Oil and Gas Lease

Uintah Oil Association Oil & Gas Lease

Utah Oil Shales, Inc. Oil & Gas Lease

J.T. Conley

VP Operations
Slate River Resources, LLC

418 East Main

Vernal, UT 84078

435-781-1871



Lieutenant Governor

State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA Division Director

April 3, 2008

Lucy Nemec Slate River Resources, LLC 418 East Main, Ste. 18 Vernal, UT 84078

43-047-37979

Re: APDs Rescinded at the request of Slate River Resources, LLC

Dear Ms. Nemec:

Enclosed find the list of APDs that you requested to be rescinded to Slate River Resources, LLC. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective April 3, 2008.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject locations.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

Brad Hill, Technical Services Manager



Mustang 1220-22P
Mustang 1220-24L
Mustang 1220-26B
Mustang 1220-26P
Mustang 1220-27K
Mustang 1220-35F
Mustang 1320-01B
Mustang 1320-03B
Mustang 1320-13N
Mustang 1320-15B
Mustang 1321-06N
Uintah Oil Assoc 1221-31I
Uintah Oil Assoc 1321-05L
Uintah Oil Assoc 1321-05F

Ten Point Plan

Slate River Resources, LLC

Uintah Oil Association 1221-31I

Section 31, Township 12 South, Range 21 East, NE 1/4 SE 1/4

1. Surface Formation

Green River

2. Estimated Formation Tops and Datum:

Formation	Depth	Datum
Green River	Surface	5,736'G.R.
Wasatch	2280'	3,456'
Mesa Verde	4780'	956'
Castlegate	6760'	-1,024'
Mancos	7400'	-1,664'
TD	8176'	-2,440'

A 12 ½ hole will be drilled to 2,000' +/-. The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest.

3. Producing Formation Depth:

Formation objective includes the Green River, Wasatch, Mesa Verde and its submembers.

Off Set Well information (Wells within a one-mile radius)

Drilling/Permitted:

UOA #1321-6G UOA #1321-5F

Mustang #1321-6C

4. Proposed Casing:

Hole	Casing			Coupling	Casing	
Size	Size	Weight/FT	<u>Grade</u>	& Tread	<u>Depth</u>	New/Used
12 1/4	9 5/8	32#	H-40	ST&C	2000	NEW
7 7/8	4 1/2	11.6#	M-80	LT&C	T.D.	NEW

Cement Program:

The Surface Casing will be cemented to the Surface as follows:

TJ.	Casing <u>Size</u>	Cement <u>Type</u>	Cement Amounts	Cement <u>Yield</u>	Cement Weight
Lead:	9 5/8	Cement "V" Gel 16% Gilsonite 10#/sk Salt 3% BWOC GR-3 3#/sk Flocele ½#/sk	200 sks +/-	3.82 ft³/sk	11.0 ppg
Tail:					
	9 5/8	Cement "G" Calcium Chloride 2% Flocele ½ #/sk 5.0 gal/sk	100 sks. +/-	1.15 ft³/sk	15.8 ppg
Top O	ut:				
	9 5/8	Cement "G" Calcium Chloride 3%	100 sks +/-	1.15 ft³/sk	15.8 ppg

Note:

Top out with sufficient cement to bring cement to surface.

Production casing will be cemented to 2,000' or higher as follows:

	Casing	Cement	Cement	Cement	Cement
	<u>Size</u>	<u>Type</u>	<u>Amounts</u>	<u>Yield</u>	<u>Weight</u>
Lead:					
	4 1/2	Premium Cement 100% Gel 16% Salt 3% BWOC Gilsonite 10#/sk Flocele ½ #/sk GR-3 3#/sk	350 sks +/-	3.82ft³/sk	11.0 ppg
Tail:					
	4 1/2	Class "G" 50% POZ 50% Gel 2% Salt 10%BWOC Dispersant 0.4% Fluid loss 0.3% Flocele 1/4 #/sk	1000 sks +/-	1.25ft³/sk	14.2 ppg

Note:

Approximately 350 sks lead and 1000 sks tail will be pumped. Actual cement volumes will be calculated based on the borehole volume log plus excess to bring the cement to surface.

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi. A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

<u>Interval</u>	Mud weight lbs./gal.	Viscosity Sec./OT.	Fluid Loss MI/30 Mins.	Mud Type
0-2000	Air/Mist	30	No Control	Air/Air mist
2000-T.D.	8.4-12.0		8-10	Water/Gel

7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

a) Test: None are anticipated.

b) Coring: There is the possibility of sidewall coring.

c) Sampling: Every 25' from 2000' to T.D.

d) Logging: Type Interval

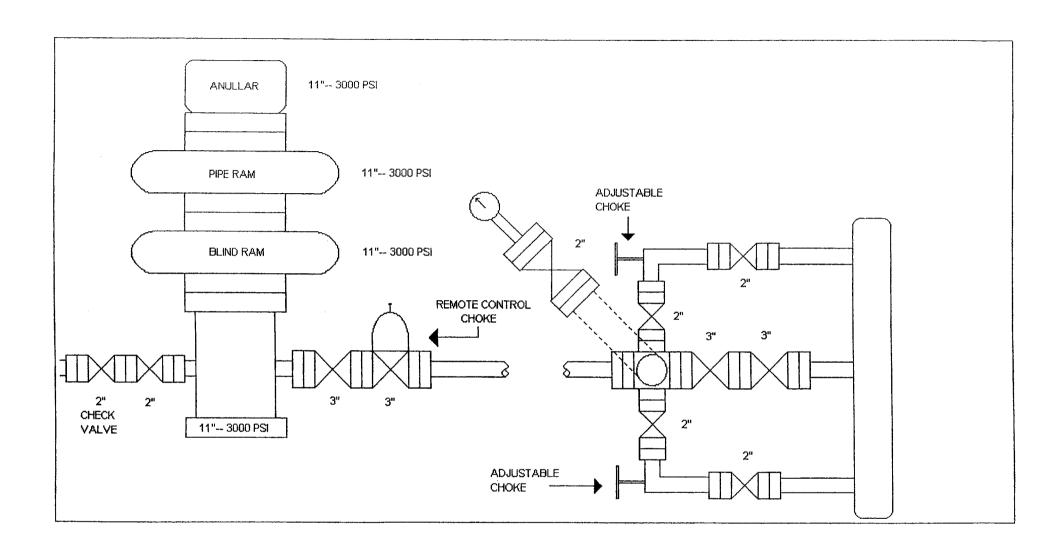
DLL/SFL W/GR and SP T.D. to Surf. Csg FDC/CNL W/GR and CAL T.D. to Surf. Csg

9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H2S.

10. Drilling Schedule:

The anticipated starting date is <u>June 1, 2006</u>. Duration of operations is expected to be 30 days.



SLATE RIVER RESOURCES, LLC 13 POINT SURFACE USE PLAN FOR WELL

UINTAH OIL ASSOCIATION 1221-311 LOCATED IN NE ¼ SE ¼

SECTION 31, T12S, R21E, S.L.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: FEE

SURFACE OWNERSHIP: FEE

1. Existing Roads:

SLATE RIVER RESOURCES, LLC **Uintah Oil Association 1221-31I** Section 31, T12S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. **HIGHWAY 40 APPROXIMATELY 14 MILES** TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE **HIGHWAY 88 APPROXIMATELY 17 MILES** TO OURAY, UTAH; FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B **ROAD 2810) APPROXIMATELY 29.4 MILES** TO ITS INTERSECTION WITH THE BUCK **CANYON ROAD (COUNTY B ROAD 5460);** EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG THE **BUCK CANYON ROAD APPROXIMATELY 3.2** MILES TO WILLOW CREEK; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION ALONG THE WILLOW CREEK **ROAD (COUNTY B ROAD 5120) APPROXIMATELY 2.1 MILES TO ITS** INTERSECTION WITH THE AGENCY DRAW **ROAD (COUNTY B ROAD 5340); EXIT LEFT** AND PROCEED IN A WESTERLY THEN SOUTHERLY DIRECTION ALONG THE AGENCY DRAW ROAD APPROXIMATELY 2.5 MILES TO ITS INTERSECTION WITH THE FLAT ROCK ROAD (COUNTY B ROAD 5450); EXIT RIGHT AND PROCEED NORTHERLY ALONG A CLASS D COUNTY ROAD 0.3 MILES TO THE INTERSECTION OF A SERVICE ROAD; EXIT RIGHT AND PROCEED IN A NORTHEASTERLY **DIRECTION ALONG SERVICE ROAD** APPROXIMATELY 0.1 MILES TO THE **BEGINNING OF THE PROPOSED ACCESS** ROAD, FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 4,015 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 69.4 MILES.

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

2. Planned access road

The proposed access road will be approximately 4,015' of new construction on lease. The road will be graded once per year minimum and maintained.

4013 II
30 ft
18 ft
Native soil
8%
None
None
None
None
Yes
ership
Fee
lease

Yes

M) Pipe line crossing

A) Annrovimate length

No

4015 ft

Please see the attached location plat for additional details.

An off lease Right-of-Way will not be required.

All surface disturbances for the road and location will be within the lease boundary.

3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

A) Producing well	None
B) Water well	None

C) Abandoned well UOA #1

D) Temp. abandoned well None

E) Disposal well

None

F) Drilling /Permitted well **UOA 1321-6G UOA 1321-5F Mustang 1321-6C**

G) Shut in wells

None

H) Injection well

None

I) Monitoring or observation well None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a Carlsbad Canyon or Olive Green color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval form the authorized officer.

If the well is capable of economic production a surface gas line will be required.

Approximately 4,015' of 3" steel surface pipeline would be constructed on Private. The line would tie into the proposed pipeline in Section 6, T13S, R21E. The line will be strung and boomed to the Southwest of the location and will follow the access roads. The line will be buried at road crossings.

An off lease Right-of-Way will not required.

Please see the attached location diagrams for pipeline location. There will be no additional surface disturbances required for the installation of a gathering line.

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration report will be submitted to State of Utah, Division of Oil, Gas, and Mining. All measurement facilities will

conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing will come from Willow Creek Permit # - T75377.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravel or pit lining material will be obtained from private resources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately 10 ft. deep and most of the depth shall be below the surface of the existing ground Please see the attached plat for details. The reserve pit will be lined. The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit or, if deemed necessary, storage tank for a period not to exceed 120 days after initial production. During the 120-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follows:

A) Pad length	340 ft
B) Pad width	270 ft
C) Pit depth	10 ft

D) Pit length	160 ft
E) Pit width	80 ft
F) Max cut	15.4 ft
G) Max fill	6.0 ft
H) Total cut yds.	7,850 cu yds
I) Pit location	West end
.n Ton soil location	

South end

K) Access road location

South end corner C

L) Flare Pit

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at leas 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and piled will amount to approximately 1,490 cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be recontoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 120 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation

activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified. And left with a rough surface.

A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Seed Mix

To be determined by surface owner or will reflect the native vegetation.

11. Surface ownership:

Access road	Fee
Location	Fee
Pipe line	Fee

12. Other information:

A) Vegetation

The vegetation coverage is Slight. The majority of the existing vegetation consists of Sagebrush. Rabbit brush, Bitter Brush, and Indian Rice grass are also found on the location.

B) Dwellings:

There are no dwelling or other facilities within a one-mile radius of the location.

C) Archeology:

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations, which would affect such sites, will be suspended and the discovery reported promptly to the surface owner.

D) Water:

The nearest water is Willow Creek located approximately **2.0** miles to the East.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

- a) Location Construction At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion Prior to moving on the drilling rig.
- c) Spud notice At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing
 At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests
 At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.

G) Flare pit:

The flare pit will be located in **corner C** of the reserve pit out side the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative(s)

JT Conley Slate River Resources, LLC 418 East Main ST Vernal, UT 84078

Office 435-781-1871 Fax 435-781-1875

Ginger P Stringham, Agent Paradigm Consulting, INC PO BOX 790203 Vernal, UT 84079

Office 435-789-4162 Cell 435-790-4163

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by Slate River Resources, LLC and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date 3/29/06

Ginger P Stringham, Agent Paradigm Consulting, INC

Onsite Dates:

Statement of use of Hazardous Materials

No chemical(s) from the EPA's consolidated list of Chemicals Subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

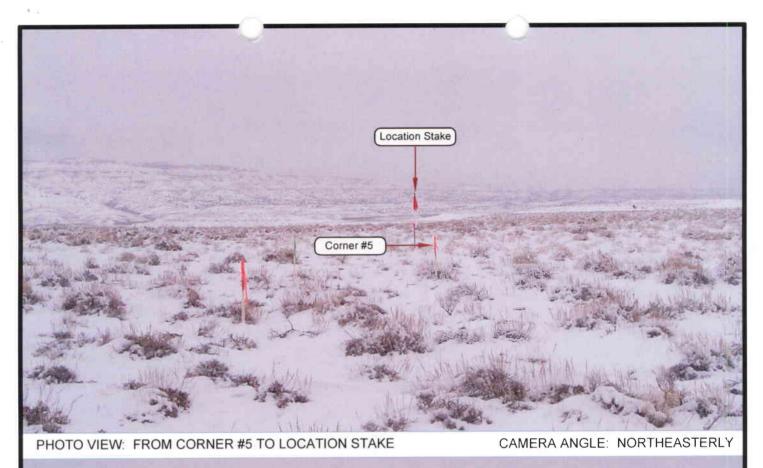
If you require additional information please contact:

Ginger Stringham Agent for Slate River Resources, LLC Paradigm Consulting, INC PO BOX 790203 Vernal, UT 84079

435-790-4163 Office 435-789-0255 Fax

Uintah Oil Association

c/o Edward M. Bown 1972 E. Claremont Way Salt Lake City, UT 84108 801-281-0930



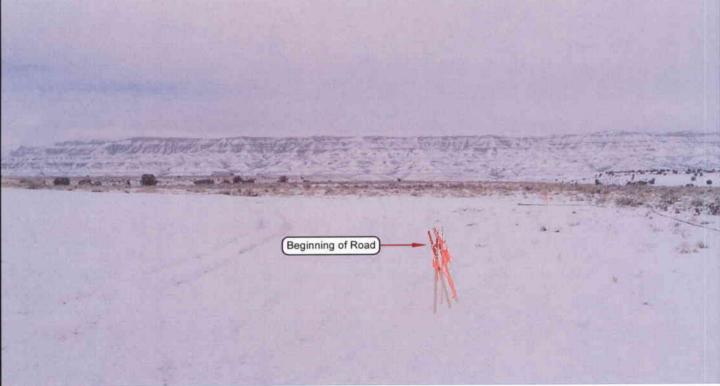


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

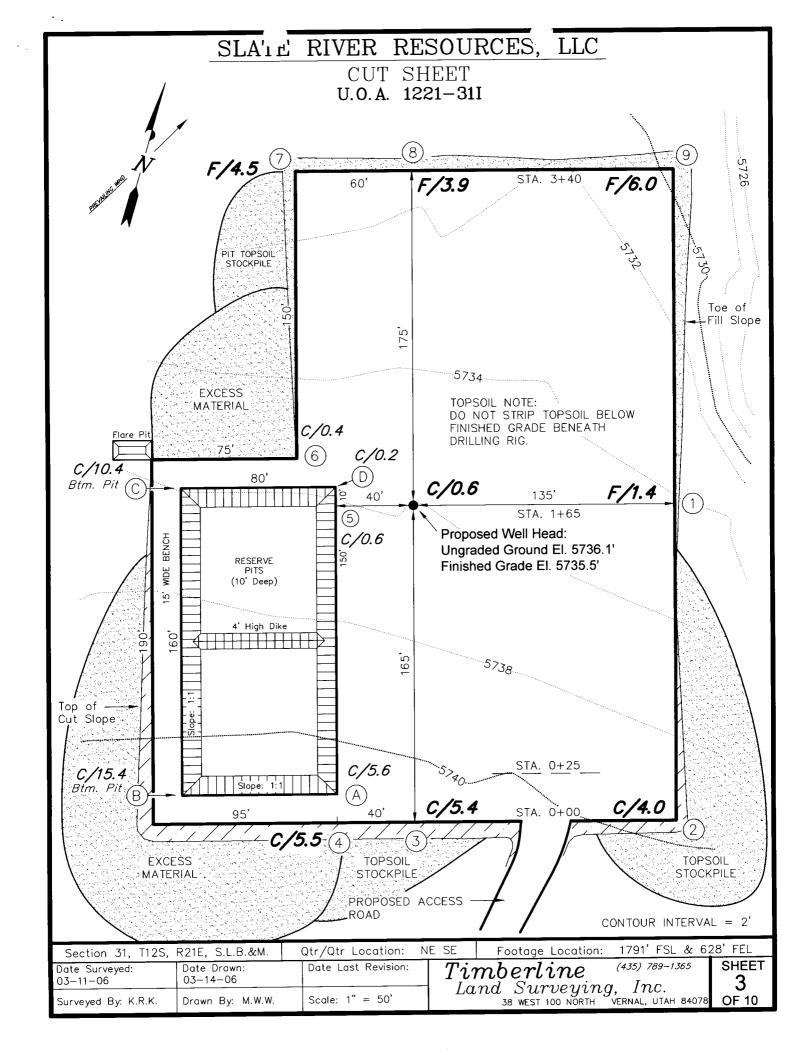
CAMERA ANGLE: NORTHERLY

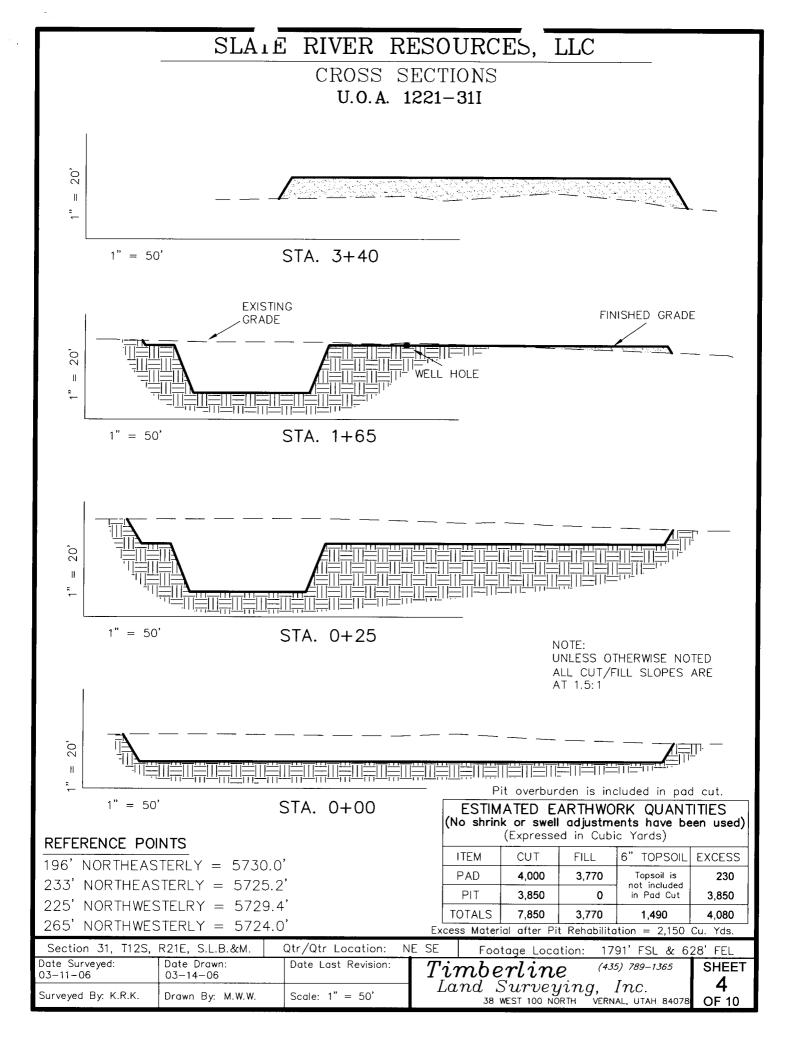
SLATE RIVER RESOURCES, LLC

Uintah Oil Association 1221-31I SECTION 31, T12S, R21E, S.L.B.&M. 1791' FSL & 628' FEL

LOCATION	PHOTOS	DATE TAKEN: 03-11-06	
LOCATION	1110105	DATE DRAWN; 03-15-06	
TAKEN BY: K.R.K.	DRAWN BY: M.W.W.	REVISED:	

Timberline Land Surveying, Inc. 38 West 100 North Vernal, Utah 84078 (435) 789–1365 SHEET 1 OF 10

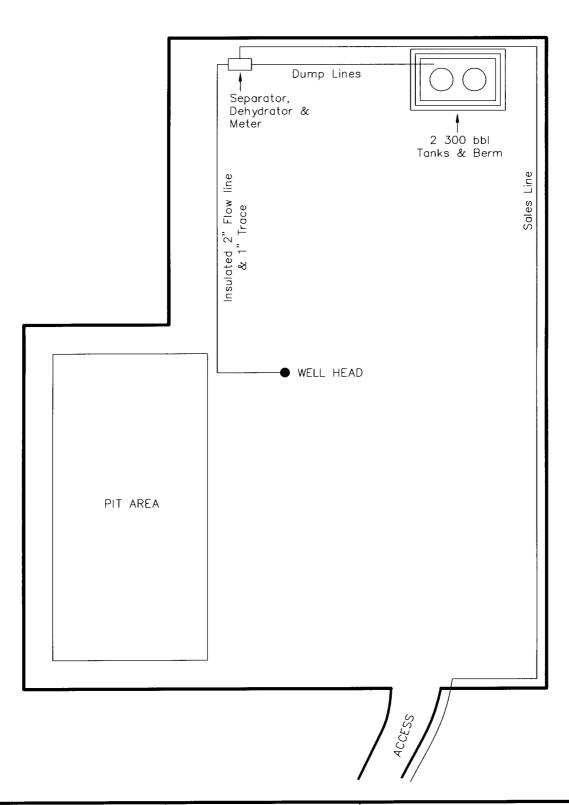




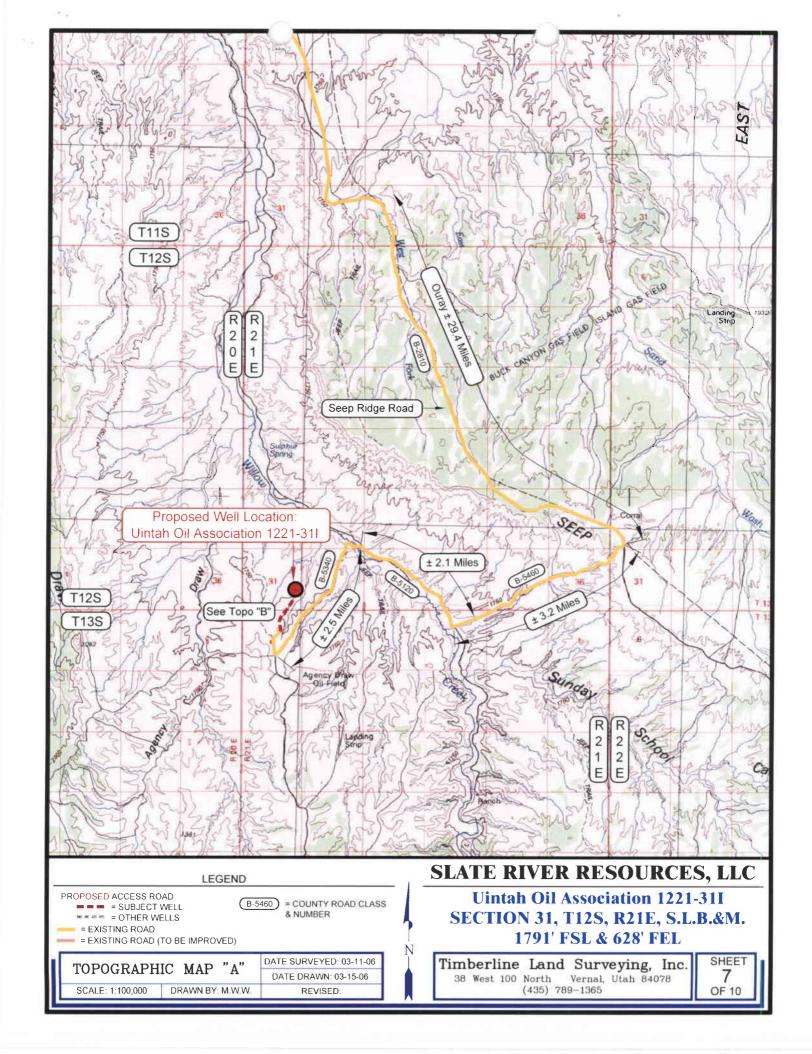
SLATE RIVER RESOURCES, LLC TYPICAL RIG LAYOUT U.O.A. 1221-31I 60' 175, 150, PIPE RACKS CATWALK B 118 B 12 Flare Pit PIPE RACKS 75' Gas 80' Buster 135 40' Substructure BENCH Ë Shale —Fuel Trailer & — Soap Pump House Rig WIDE Dog House Water 5 lqq 4' High Dike 200 190 Amy House Souction Pit. South Pit. Gen. House Mud-Pump #1 PIT VOLUME 14,150 bbls W / 2' Freeboard Trash Basket Air Booster Air Compressor #2 ☐ ☐ Toilets Slope: 1:1 Air Compressor #1 95' 40' PROPOSED ACCESS ROAD Qtr/Qtr Location: NE SE 1791' FSL & 628' FEL Footage Location: Section 31, T12S, R21E, S.L.B.&M. $\overline{Timber} line$ Date Surveyed: Date Drawn: Date Last Revision: (435) 789-1365 SHEET 03-11-06 03-14-06 5 Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078 Scale: 1" = 50'Surveyed By: K.R.K. Drawn By: M.W.W. **OF 10**

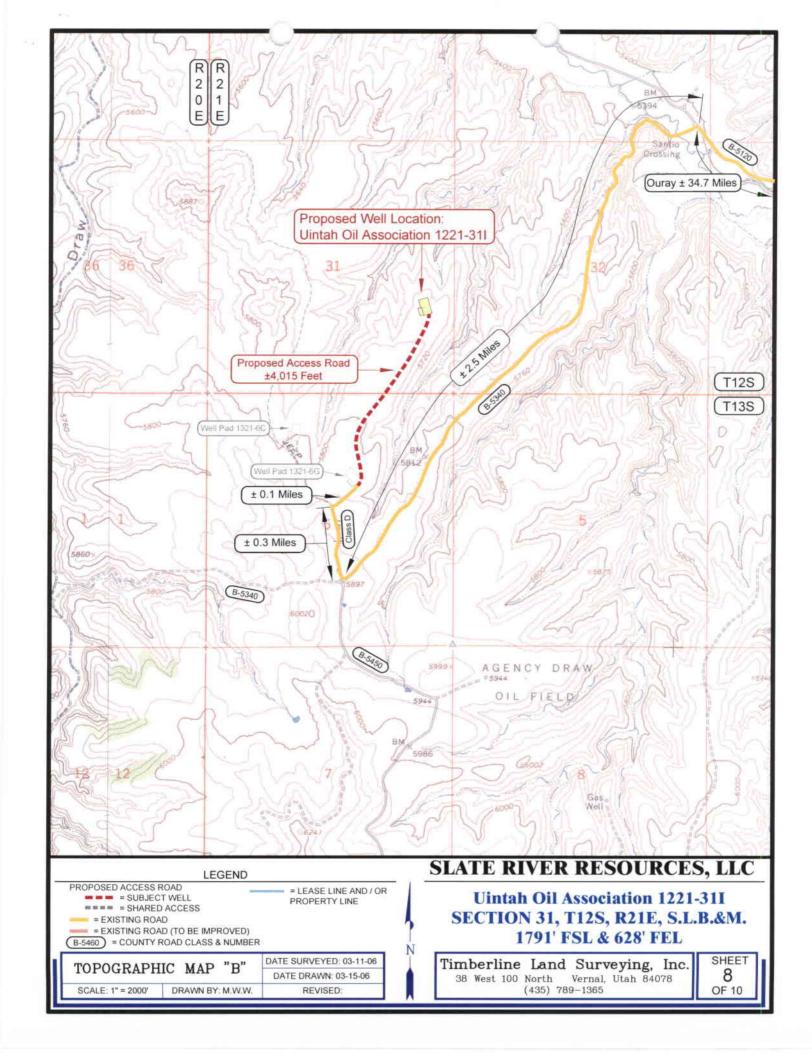
SLATE RIVER RESOURCES, LLC

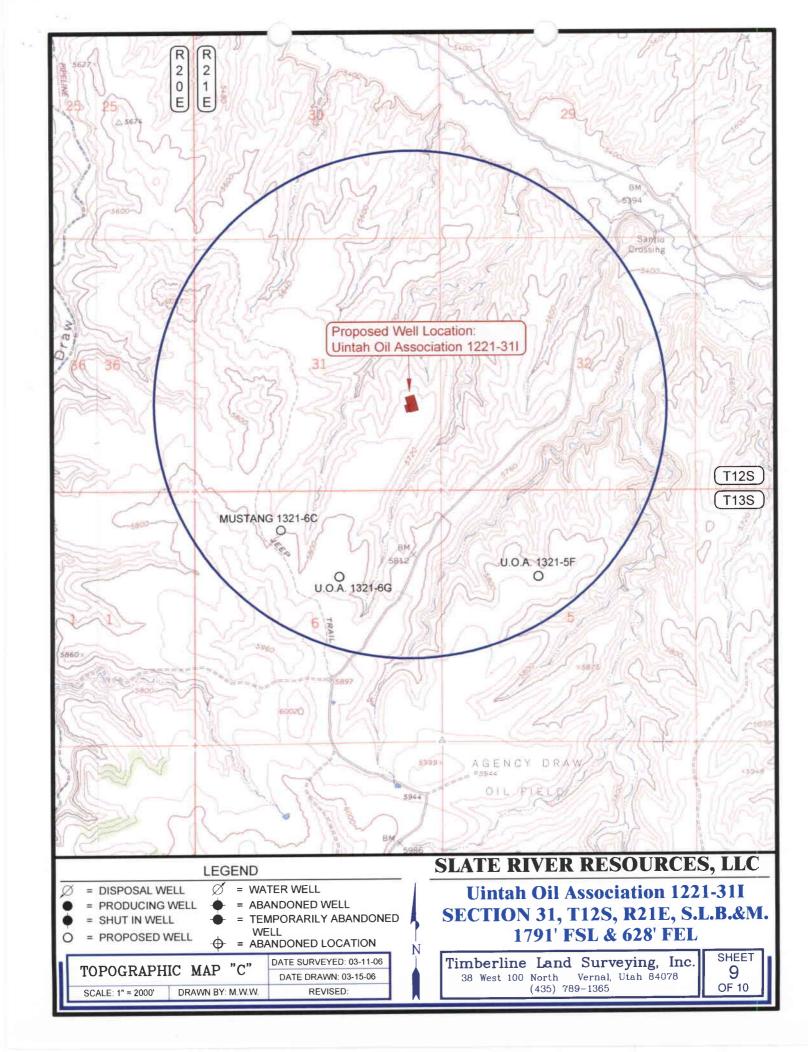
TYPICAL PRODUCTION LAYOUT U.O.A. 1221-31I

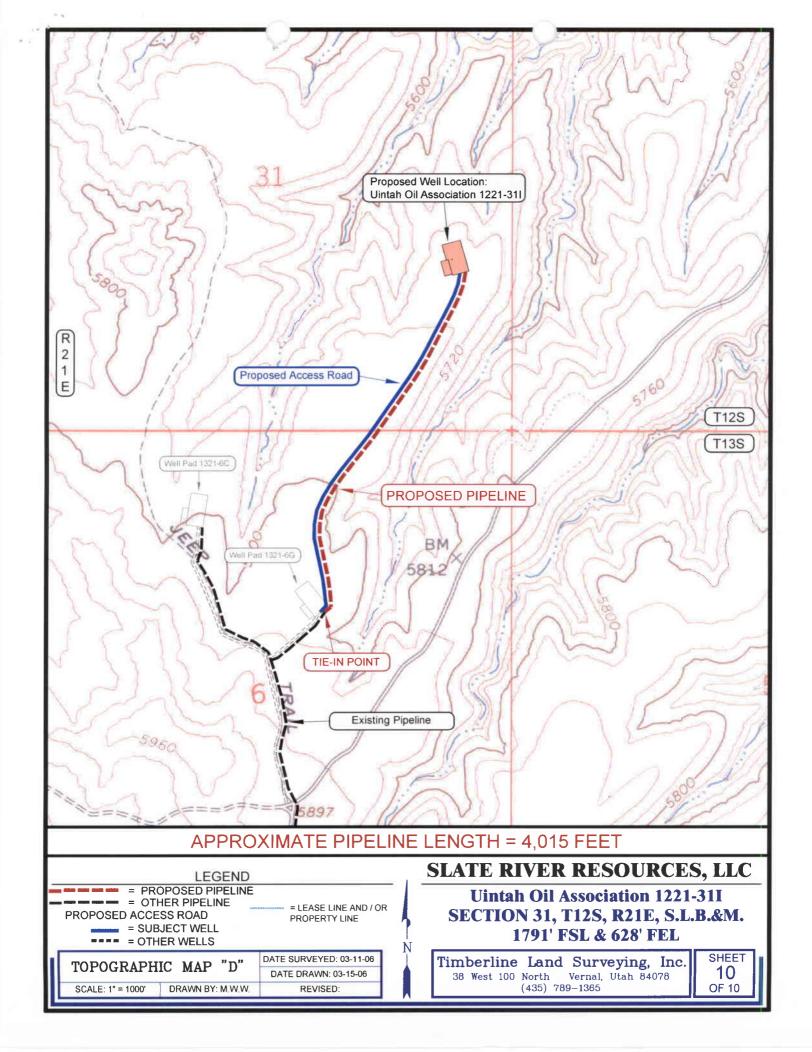


Section 31, T12S,	R21E, S.L.B.&M.	Qtr/Qtr Location:	NE SE	Footage Location: 1791' FSL &	628' FEL
Date Surveyed: 03-11-06	Date Drawn: 03-14-06	Date Last Revision:		mberline (435) 789-1365	SHEET
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 50'	$L\alpha$	and $Surveying,\ Inc.$ 38 west 100 north $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	78 OF 10



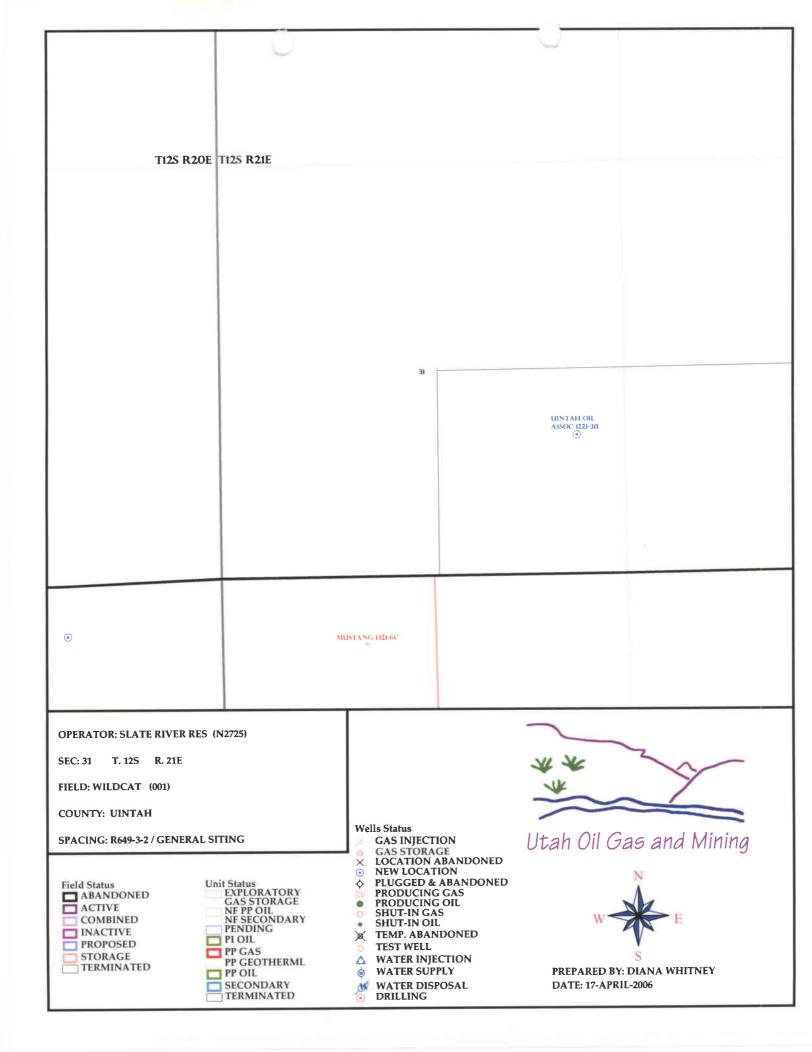






WORKSHEET __PPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/04/2006		API NO. ASSIG	NED: 43-04	7-37979
WELL NAME: UINTAH OIL ASSOC 1221-31I OPERATOR: SLATE RIVER RESOURCES (N2725 CONTACT: GINGER STRINGHAM		PHONE NUMBER:	435-781-187	71
PROPOSED LOCATION:		INSPECT LOCATN	BY: /	/
NESE 31 120S 210E	:9	Tech Review	Initials	Date
SURFACE: 1791 FSL 0628 FEL BOTTOM: 1791 FSL 0628 FEL		Engineering	Ducos	5/4/06
COUNTY: UINTAH		Geology		14.0
LATITUDE: 39.72774 LONGITUDE: -109.6018 UTM SURF EASTINGS: 619826 NORTHINGS: 4398	265	Surface		
FIELD NAME: WILDCAT (1 LEASE TYPE: 4 - Fee LEASE NUMBER: FEE SURFACE OWNER: 4 - Fee		PROPOSED FORMA:		cs
RECEIVED AND/OR REVIEWED:	LOCATIO	ON AND SITING:		
Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. B001556 Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. T75377 RDCC Review (Y/N) (Date: 05/02/2006 Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	R649-2-3. Unit:			
COMMENTS:	to (04-1	18-06)		
STIPULATIONS: 1. Spacing Control 2- STATEME 3- Surface	Otop OF Csy Com	Basis it stip		



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	Slate River Resourc	es, LLC						
WELL NAME & NUMBER:	Uintah Oil Associat	ion 1221-	-31I					
API NUMBER:	43-047-37979							
LOCATION: 1/4,1/4 NE/SE Sec: 31 TP: 12S RNG: 21 E 1791 FSL 628' FEL								
Geology/Ground Water:								
Slate River proposes to set 2,00	0' of surface casing at thi	s location	on. The base of the moderately saline water	<u>r is</u>				
			Green River Formation. The proposed					
location is in a recharge area for	the aquifers of the Gree	<u>n River F</u>	Formation and fresh water can be expected	<u>to</u>				
be found in the Green River. A	search of Division of Wa	ater Right	nts records indicates 1 water well within a					
10,000 foot radius of the propos	ed location. The well is	s over a m	mile from the proposed location. It is 70 fe	<u>et</u>				
			rface owner. The proposed casing and cen	<u>nent</u>				
program should adequately prot	ect any useable ground w	<u>ater.</u>						
Reviewer:	Brad Hill	Date:	04-27-2006					
Surface:			·					
At the request of Slate River Res	ources, a pre-site for this	well was	s completed on April 18, 2006. Both the sur	face				
and minerals are privately owned	. Mr. Ed Bown represent	s the owne	ner, Uintah Oil Association. He was contacte	<u>ed by</u>				
phone on April 6, 2006 and info	ormed of and invited to	participate	te in the presite. He said the company ha	s no				
specific concerns and he would								
The area poses no problems for	drilling a well.							
7 10 0.00 posts 110 present								
Reviewer: Flov	d Bartlett	Date:	04/19/2005					
Conditions of Approval/Appli	cation for Permit to Dri	<u>ll:</u>						

1. A synthetic liner with a minimum thickness of 12 mils with a felt sub-liner shall be properly installed and

maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: Slate River Resources, LLC

WELL NAME & NUMBER: Uintah Oil Association 1221-311

API NUMBER: 43-047-37979

FIELD/UNIT: Agency Draw *LEASE*: FEE

LOCATION: 1/4,1/4 NE/SE Sec: 31 TP: 12S RNG: 21 E 1791 FSL 628' FEL LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL. GPS COORD (UTM): 4398275 Y 0619823 X SURFACE OWNER: Uintah Oil

Association

PARTICIPANTS

Floyd Bartlett (DOGM), John Conley, (Vice President Slate River LLC,) Ginger Stringham, (Permit Consultant), Gary Gerber (Stubbs and Stubbs Construction), Colby Kay (Timberline Land Surveying),

REGIONAL/SETTING TOPOGRAPHY

Site is in Uintah County, Utah in the Agency Draw area approximately 70 miles south east of Vernal, UT. The Willow Creek drainage lies to the east and Hill Creek drainage is to the west. The general topography is characterized by open broad to narrow ridges or plateaus intersected by numerous draws or canyons, which often become steep. Drainage is generally northeasterly into Willow Creek, which contains a perennial stream. All drainages in the Agency Draw area are ephemeral. No streams, springs or seeps are known in the area.

Access to the site from Ouray, UT is following the Seep Ridge Road south 29.4 miles from Ouray, UT, then south west 3.2 miles down the Uintah Co. road B-5460 to Willow Cr, then northwest 2.1 miles along Willow Cr and Uintah Co. road B-5120 to the Agency Draw road then following an unimproved County and oil field development road northeast 0.4 miles. (See Topographic Sheets "A and B" of the APD) Approximately 4,015 feet new road will be constructed to access the site from well pad 1321-6G.

This location is on the end of a long broad flat topped ridge which runs from the main divide on the west northeasterly to Willow Creek on the east. A steep draws exist immediately to the north. A small swale drains to the northeast.

SURFACE USE PLAN

CURRENT SURFACE USE: Winter sheep grazing, limited big game hunting and general recreation.

PROPOSED SURFACE DISTURBANCE: Location of 340'x 195' and a reserve pit of 80' x 160' with an additional 10' wide bench. Approximately 4,015 feet of new road is planned for construction. A pipeline 4,015 feet in length will be laid adjacent to the road and north to a tie in point at the 1321-6G well.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Three wells. See Topographic Map "C".

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). No public concerns or interests are expected from drilling this well. Well is on private lands.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Desert shrub type consisting of black sage, curly mesquite, winter fat, Bud sage, horse brush. Wild horses, deer, elk, mountain lion, coyote and other small mammals and birds.

SOIL TYPE AND CHARACTERISTICS: Deep light brown sandy clay loam with occasional broken brown flat shale surface rocks.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion.
Sedimentation and stability are not a problem and location
construction shouldn't cause an increase in stability or erosion
problems.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: $80' \times 160' \times 10'$ deep, located on the southwest corner of the location. The reserve pit is all within cut. A 15' wide bench is planned around the outer edges. Two feet of freeboard will be provided.

LINER REQUIREMENTS (Site Ranking Form attached): Level I sensitivity. A pit liner with a sub liner is required for the reserve pit. The operator stated they would line the pit with a 16, mil or greater liner and an appropriate sub-liner.

SURFACE RESTORATION/RECLAMATION PLAN

As per Land Owner Agreement.

SURFACE AGREEMENT:

A surface agreement has been executed and is on file.

ARCULTURAL RESOURCES/ARCHAEOLOGY: No Cultural or Archeological survey is required as per the Land Owner Agreement.

OTHER OBSERVATIONS/COMMENTS

None.

ATTACHMENTS

Photos of this site were taken and placed on file.

FLOYD BARTLETT
DOGM REPRESENTATIVE

April 18, 2006; 10:45 AM

DATE/TIME

Evaluation Ranking Criteria and Ranking δ .e For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20	0
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	0
Distance to Nearest Municipal Well (feet) >5280 1320 to 5280 500 to 1320 <500	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	10
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	<u>10</u>
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15	5
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0

Final Score 25 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required. Sensitivity Level I = 15-19; lining is discretionary. Sensitivity Level II = below 15; no specific lining is required.

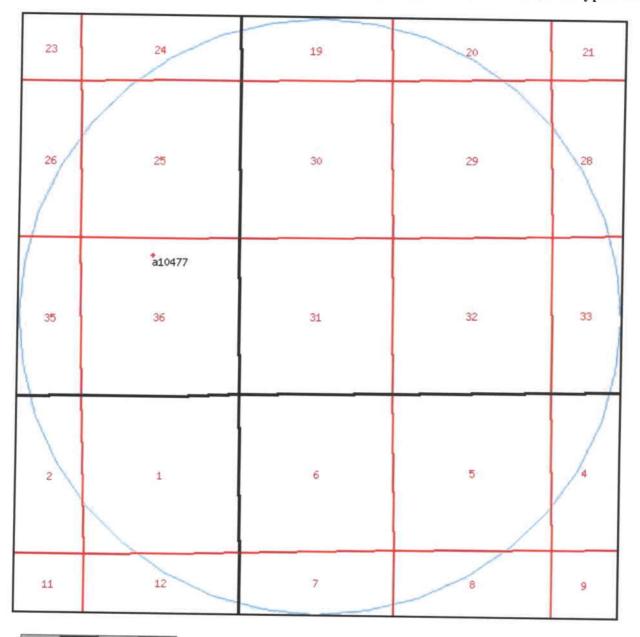


WRPLAT Program Output Listing

Version: 2004.12.30.00

Rundate: 04/27/2006 09:32 AM

Radius search of 10000 feet from a point N2640 E2640 from the SW corner, section 31, Township 12S, Range 21E, SL b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



^{0 1300 2600 3900 5200} ft

Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner
49-285	Underground S580 E2375 NW 36 12S 20E SL		A	19701203	S	0.015		UTAH OIL SHALI C/O RAYMOND T PRESIDENT
a10477	Underground S580 E2375 NW 36 12S 20E SL		A	19781106	S	0.015		UTAH OIL SHALI 622 NEWHOUSE I EXCHANGE PLA

Natural Resources | Contact | Disclaimer | Privacy Policy | Accessibility Policy

STATE ACTIONS

Resource Development Coordinating Committee Governor's Office of Planning and Budget 5110 State Office Building

State Office Buildii SLC, UT 84114

Phone No)
1. State Agency	2. A _]	pproximate date project will start:
Oil, Gas and Mining		
1594 West North Temple, Suite 1210		Upon Approval or May 2, 2006
Salt Lake City, UT 84114-5801		
3. Title of proposed action: Application for Permit to Drill		
4. Description of Project:		
Slate River Resources, LLC proposes to drill on a Fee lease, Uintah County, Utah. This action of resource issues affecting state interests. The D administrative agency in this action and must issue	is being p ivision of	resented to the RDCC for consideration Oil, Gas and Mining is the primary
5. Location and detailed map of land affected (site	location	map required, electronic GIS map
preferred)		- -
(include UTM coordinates where possible) (indicate)
1791' FSL 628' FEL, NE/-		
Section 31, Township 12 South, R. 6. Possible significant impacts likely to occur:	nge 21 Ea	st, Uintah County, Utah
phase (estimated for five weeks duration). If oil a location will be reclaimed back to a net disturban road, pipeline, or utility infrastructure. If no oil o reclaimed.	e of betw	een one and two acres - not including
7. Identify local government affecteda. Has the government been contacted? No.b. When?c. What was the response?d. If no response, how is the local government	s) likely t	o be impacted?
8. For acquisitions of land or interests in land by l	WR or S	tate Parks please identify state
representative and state senator for the project ar		•
representative, state senator near project site, if a a. Has the representative and senator been con	_	
9. Areawide clearinghouse(s) receiving state action Uintah Basin Association of Government	•	sent out by agency in block 1)
10. For further information, contact:	11. S	ignature and title of authorized officer
	5	XII ZIST

Gil Hunt, Associate Director

April 17, 2006

Date:

Diana Whitney

Phone: (801) 538-5312

From:

Robert Clark Whitney, Diana

To: Date:

4/26/2006 1:42:22 PM

Subject:

RDCC short turn around responses

The following comments are submitted in response to RDCC #6499, RDCC #6504 and RDCC #6505.

RDCC #6499, Comments begin: The proposed Cabot Oil & Gas Corporation McKenna 1-11 well drilling project, in San Juan County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit is not required, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . Comments end.

RDCC# 6504, Comments begin: The proposed Berry Petroleum Company Taylor Fee 7-14-56 well drilling project, in Duchesne County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit is not required, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. Comments end.

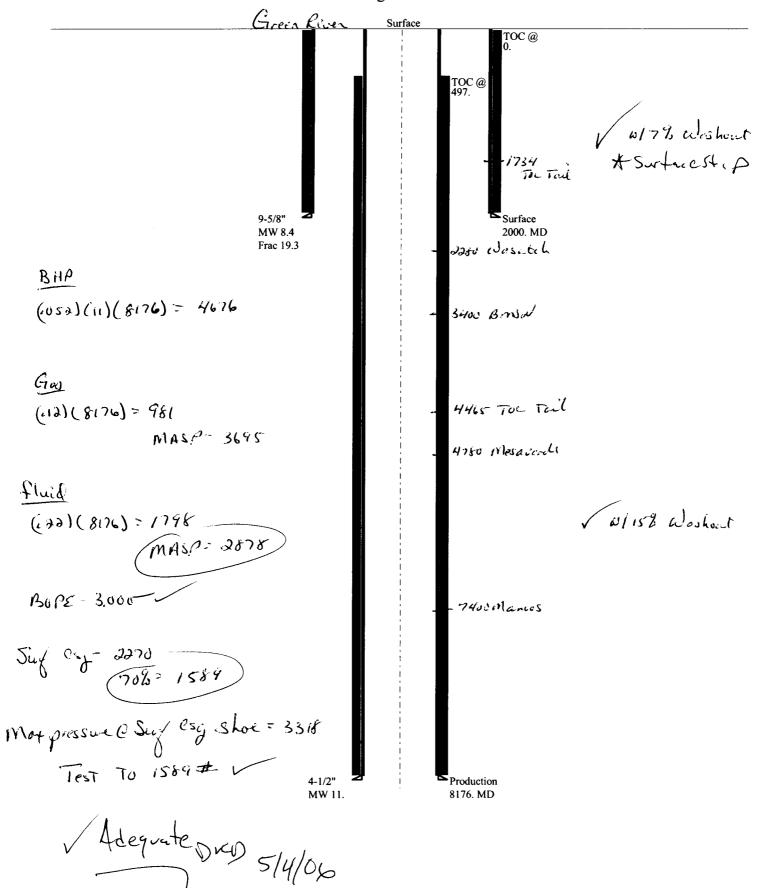
RDCC# 6505, Comments begin: The proposed Slate River Resources, LLC Uten Oil Association 1221-311 well drilling project, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit is not required, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . Comments end.

Robert ClarkDivision of Air Quality536-4435

CC: Mcneill, Dave; Wright, Carolyn

.5-06 Slate River Uintah Oil 1_21-31I

Casing Schematic



05-06 Slate River Uintah Oil 1221-31 Well name:

Slate River Resources, LLC Operator:

Surface String type: 43-047-37979

Uintah County Location:

Design parameters:

Collapse 8.400 ppg Mud weight: Design is based on evacuated pipe.

Minimum design factors: Collapse:

Design factor 1.125

H2S considered? Surface temperature: Bottom hole temperature: 103 °F

Environment:

No 75 °F 1.40 °F/100ft

Temperature gradient: Minimum section length: 1,500 ft

Burst:

Design factor

1.00 Cement top: Surface

Burst

Max anticipated surface

pressure: 1,760 psi Internal gradient: 0.120 psi/ft 2,000 psi Calculated BHP

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 1.80 (J) 8 Round LTC: 1.60 (J) **Buttress:** 1.50 (J) Premium:

1.50 (B) Body yield:

Tension is based on buoyed weight. Neutral point: 1,753 ft

Non-directional string.

Re subsequent strings: Next setting depth: 8,176 ft

Next mud weight: 11.000 ppg 4,672 psi Next setting BHP: Fracture mud wt: 19.250 ppg Fracture depth: 2,000 ft Injection pressure 2,000 psi

Run Seq	Segment Length (ft) 2000	Size (in) 9.625	Nominal Weight (lbs/ft) 32.30	Grade H-40	End Finish ST&C	True Vert Depth (ft) 2000	Measured Depth (ft) 2000	Drift Diameter (in) 8.876	Internal Capacity (ft³) 126.8
Run Seq 1	Collapse Load (psi) 873	Collapse Strength (psi) 1370	Collapse Design Factor 1.570	Burst Load (psi) 2000	Burst Strength (psi) 2270	Burst Design Factor 1.14	Tension Load (Kips) 57	Tension Strength (Kips) 254	Tension Design Factor 4.49 J

Prepared by:

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: 801-538-5280 FAX: 801-359-3940

Date: May 2,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

05-06 Slate River Uintah Oil 1221-311 Well name:

Slate River Resources, LLC Operator:

Production Project ID: String type:

Uintah County Location:

43-047-37979

Environment:

Design parameters: Collapse Mud weight:

11.000 ppg Design is based on evacuated pipe.

Minimum design factors: Collapse: Design factor 1.125

H2S considered? No 75 °F Surface temperature: 189 °F Bottom hole temperature: 1.40 °F/100ft Temperature gradient: Minimum section length: 1,500 ft

Burst:

Design factor

1.00

Cement top:

Non-directional string.

497 ft

Burst

Max anticipated surface

pressure: 3.921 psi Internal gradient: 0.092 psi/ft 4,672 psi Calculated BHP

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) **Buttress:** 1.60 (J)

Premium: 1.50 (J) Body yield: 1.50 (B)

Tension is based on buoyed weight. Neutral point: 6,832 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8176	4.5	11.60	M-80	LT&C	8176	8176	3.875	189.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4672	6350	1.359	4672	7780	1.67	79	267	3.37 B

Clinton Dworshak Prepared Utah Div. of Oil & Mining

Phone: 801-538-5280 FAX: 801-359-3940

Date: May 2,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8176 ft, a mud weight of 11 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

May 4, 2006

Slate River Resource, LLC 418 E Main St. Vernal, UT 84078

Re:

Uintah Oil Association 1221-311 Well, 1791' FSL, 628' FEL, NE SE, Sec. 31,

T. 12 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37979.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Operator:	Slate River Resource, LLC					
Well Name & Number	Uintah Oil Association 1221-31I					
API Number:	43-047-3					
Lease:	Fee	•				
Location: <u>NE SE</u>	Sec. 31	T. 12 South	R. 21 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.
- 7. Surface casing shall be cemented to surface.

`	FORM 9	
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE ON THIS INVIDE.
Do not use this form for proposals to drill to drill to drive the lead to the	new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to sterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	8. WELL NAME and NUMBER: Uintah Oil Association 1221-311	
2. NAME OF OPERATOR: Slate River Resources, LI		9. API NUMBER: 4304737979
3. ADDRESS OF OPERATOR: 418 E. Main Ste 18	PHONE NUMBER: (435) 781-1870	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1791' QTR/QTR, SECTION, TOWNSHIP, RAI	COUNTY: Uintah STATE: UTAH	
11. CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REP	ORT. OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE DEEPEN ALTER CASING FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
5/4/2007	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ OTHER: APD Extension
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATIO	N
	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu	
	LC requests a one year extension from 5/4/2007 to 5/4/2008 on the street of the street	he Application for Permit to Drill for
	Approved by the Utah Division of Oil, Gas and Mining	The same of the sa
	By Real (1888)	- TO OPERATOR

(This space for State use only)

SIGNATURE

NAME (PLEASE PRINT) Lucy Nemec

RECEIVED MAR 2 8 2007

Sr. Operations Specialist

TITLE

DATE 3/26/2007

Application for Permit to Drill Request for Permit Extension

Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304737979 Well Name: Uintah Oil Association 1221-311 Location: NESE Sec 31 T12S-R21E Company Permit Issued to: Slate River R Date Original Permit Issued: 5/4/200%	esources, LLC					
The undersigned as owner with legal rights above, hereby verifies that the information approved application to drill, remains valid	as submitted in the previously					
Following is a checklist of some items relativerified.	ted to the application, which should be					
If located on private land, has the ownersh agreement been updated? Yes □ No ☑	ip changed, if so, has the surface					
Have any wells been drilled in the vicinity of the spacing or siting requirements for this l						
Has there been any unit or other agreement permitting or operation of this proposed we						
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑						
Has the approved source of water for drilling	ng changed? Yes□No☑					
Have there been any physical changes to which will require a change in plans from vertical evaluation? Yes□No☑	the surface location or access route what was discussed at the onsite					
Is bonding still in place, which covers this p	oroposed well? Yes ☑ No □					
Lua Maria	3/26/2007					
Signature	Date					
Title: Sr. Operations Specialist						
Representing: Slate River Resources, LLC	RECEIN					

MAR 2 8 2007 DIV. OF OIL, GAS & MINING



State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

April 3, 2008

Lucy Nemec Slate River Resources, LLC 418 East Main, Ste. 18 Vernal, UT 84078

43-047-37979 125 21E 31

Re: APDs Rescinded at the request of Slate River Resources, LLC

Dear Ms. Nemec:

Enclosed find the list of APDs that you requested to be rescinded to Slate River Resources, LLC. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective April 3, 2008.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject locations.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Masor

Environmental Scientist

cc: Well File

Brad Hill, Technical Services Manager



Mustang 1220-22P
Mustang 1220-24L
Mustang 1220-26B
Mustang 1220-26P
Mustang 1220-27K
Mustang 1220-35F
Mustang 1320-01B
Mustang 1320-03B
Mustang 1320-13N
Mustang 1320-15B
Mustang 1321-06N
Uintah Oil Assoc 1221-31I
Uintah Oil Assoc 1321-05L
Uintah Oil Assoc 1321-05F